



MORALE BOOSTER



APRIL 1978



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*U.F.O.E.S.P. is a taxpaying, grassroots organization dedicated to political action to bring about a radical recommitment of this and allied nations to the peaceful exploration and use of outer space for the benefit of all.

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L E T I T G R O W

by
Steven Hollowell

Approximately one-third of the marijuana being sold now in the United States has been contaminated with paraquat. As of April 28, Pharm Chem Research group had found 1,383 out of 4,284 test samples to be contaminated. The percentage in the Bay Area was 39% and in Fresno it was 47%. Fifty million dollars over the last three years of our money, 76 aircraft, 40 helicopters, 25 full-time DEA agents for this idiocy--what a bastardization of the notion of government's role being to protect and serve its citizens.

The State of California saved an estimated 5.3 million dollars in law enforcement costs the first six months of 1976 after enactment of S.B. 95, the marijuana decriminalization bill sponsored by NORMI. According to the State's own surveys, marijuana is a 700 million dollar a year business in this state alone. That translates into 600 tons annually or 11,000,000 joints a week being smoked by 14% of the adults and 60% of that weed comes from Mexico and thus could be contaminated. Other government studies have shown only a slight increase in usage since decriminalization. What does all this mean? It means that there are a whole lot of people smoking and spending a lot of bread on weed and have been doing so for a long time. The government could solve a lot of problems if weed was legalized. What a source for tax revenue!

Beyond all that, however, is the more basic question, for me at least, of personal freedom. I believe every person on Earth has certain basic, inalienable rights that no organized government, nor any individual, can or should ever be able to question. Yet today in what is still one of the most liberal democracies on Earth, the U.S., there is no Constitutional guarantee to Privacy, nor is Education viewed as a fundamental right. The right to smoke weed is only one aspect of the Privacy issue. It also serves as an excellent example of how our government has grown totally warped in its policies; and before you make any long-range plans about space or the future, there are some political realities that will first have to be understood and dealt with in an effective manner.

The first law against marijuana in the U.S., possibly the world, was enacted here in California about 1916. The law was racially motivated. It was a reaction to the Mexican braceros who were generally the only identifiable group smoking pot. Later, Hollywood popularized many false concepts about pot smokers. To this mass of bias and misinformation was added the efforts of one Harry Jacob (H.J.) Anslinger. H.J. was a bureaucrat. He headed the U.S. Bureau of Narcotics and his bureaucracy was in competition with the FBI headed by that super-bureaucrat, J. Edgar Hoover. Since the end of Prohibition, the Treasury Department, mother agency of the soon-to-be marijuana regulators, had been losing its battle with the FBI for funds from Congress. Who leaps into the fray but H. J. Anslinger. What he did was write what for many years stood as the definitive work on marijuana. "Marijuana, Assassin of Youth," published in 1937, played upon popularized fears and racial prejudices so successfully that Congress passed the Marijuana Tax Act of 1938.

What about H. J. Anslinger? After he retired as head of the U.S. Bureau of Narcotics, old Harry became a crusader going throughout the world laying the groundwork for co-operative treaties between nations on weed. Later, having been appointed to the U.N. Narcotics Convention, he was instrumental in the enactment of the Single Convention Treaty, whereby all the countries in the world would outlaw the same drugs, surely Harry's greatest achievement. Few people realize why we can't legalize pot but it is a fact that it would take a two-thirds majority in the U.S. Senate (a virtual impossibility) to break those treaties and legalize marijuana, so the situation is a long way from being solved.

In fact, even given the provable advances since the enactment of the Moscone Bill, S.B. 95, there have been five anti-marijuana bills introduced here in the California Legislature this session alone. The marijuana cultivation bill, A.B. 367, by Assemblyman Willie Brown was defeated after we got it out of its first two committees. Only 37 out of 120 legislators would sign a letter to Carter condemning the Mexican paraquat program and U.S. aid for it. What the Legislature has done is legitimize the in-place illegal system of distribution and

insure a felony penalty for cultivating a single plant. We can possess less than an ounce and be fined \$100 if we want to risk permanent lung damage by smoking paraquat-tainted weed. Marijuana has been found useful in the treatment of glaucoma and with chemotherapy for cancer patients. Yet most studies to date are to find something wrong with weed--not something good about pot. No sense in admitting wrong. Poison the stuff!

Earlier I mentioned that education and privacy were not viewed as fundamental Constitutional rights. These are things most people would agree should be fundamental. What about the right against self-incrimination? This too, through interpretation and administrative procedures, has been diluted into meaninglessness. In addition, you and I should have the right to breathe without fear of poisoning from pollutants and defoliants. We should be able to decide the "acceptable" level of foreign matter in our food. We should be able to grow our own food without fear from lead poisoning; be free to come and go without being zapped by microwaves and radiation! We should be able to rest assured knowing that the CIA is not conducting some mass test or another while we sleep. Given the economic system and political structure of this country and their hold on individual initiative, all of the necessities of life should be considered as rights. There is no justifiable reason on Earth why an elderly couple should freeze to death in their own living room because they could not pay the bill, yet it happened right here in the U.S. Speaking of the elderly, what will we do with them in space?

We could talk all day about what rights we should have but the truth is that nobody is going to just hand you those rights. When you contrast the original assumptions about Human Rights our Founding Fathers (and Mothers) had with what we have today, it becomes obvious we have lost ground. The individual is in trouble due to the economic system, needless political encroachment, and the sheer volume of people competing for the same basic needs already noted. These problems are too large to solve with armchair activism. Things do not change just because you can show the present order makes no sense at all. There is no logical base to any of this. Life today is absolutely ABSURD. When someone tells me they're "high on life," I know I'm dealing with a blind person or a fool.

If you can fog a mirror and are capable of looking around you, close scrutiny of virtually any situation you choose to observe would show the general lack of logic or rationality to the actions taking place. People do not seem to have, generally speaking, a developed sense of values, a moral base they operate from that dictates their actions. However, they likely will have a clearly defined moral and logical basis from which they believe they should operate.

I alluded earlier to the complexity of life. This complexity is based on the masses of people we have and the need to maintain order and feed ourselves. With the increase in the world's population has come an increase in interdependence among nations. We share a single Earth and limited resources. The individual becomes a lot smaller when thought about in those terms. Personal freedom and Human Rights generally become valueless concepts if government must be more authoritarian in its distribution of goods and services. You cannot separate Rights from Freedom and if we continue as we are now, we stand to lose even more of our Freedom. I personally think it may already be too late. We could already be doomed! If so, each person should have the right to cope in his or her own way!

The next 20 years will be the most critical humanity has faced in history. There are a whole litany of problems interwoven by environmental realities that loom ahead, any one of which seems insurmountable, hopelessly complicated, insoluble. How did we get this way? Lack of foresight, incoherent reactionary responses to complex issues that would not, could not go away. Most of all, however, we're in this situation now because we have failed to use the one certain check we have on this self-perpetuating machine, doomed for destruction. The one check was, and still may be, widespread activism.

Democracy is a partnership among individuals, and it is predicated on the assumption that an informed, articulate citizenry is the best and final check on government. The cornerstone of Democracy is involvement by an informed citizenry. Activism as a way of life is the only way to protect yourself, and your Freedom. Most of the great issues of our time were debated in the political arena.

We have been socialized by the power structure. Brainwashed by business advertising and the increase of sophisticated media, into believing that the ideal is to do as little as pos-

sible in one's life. Let the politicians make the decisions. Own that micro-wave and electric range and dishwasher. Never do more than turn a button, sit transfixed in front of your TV set being sold more products and useless services. For exercise, walk to your car. Let the specialist make your decisions for you and machines your work. This is madness! How many people daily turn their lives over to a doctor with no qualms, secure with the most precious thing they have totally in the hands of someone who may know them slightly and care about them even less.

Our economic system is fragile and increasingly more affected by other nations, resulting in less control over our own future. Too much of our economy is based on planned obsolescence. We buy things designed to be worn out, thrown away. Produce, consume, if you have a job you're in, if not, you're out. It is extremely difficult to raise a person's political consciousness, awaken him or her to the long-term hazards of nuclear waste for example, when his or her dominant concern is the job, the house payment, getting through the afternoon.

This system keeps rolling along, out of control, perpetuating itself towards the inevitable. Unless stopped, the question will be what form the end will take. Will it be the bomb? Economic disaster? I'm betting the catalyst will be an environmental crisis with a ripple effect resulting in a breakdown of economic, political, and social structures over a period of time. An example would be if we had to shut down the car because of the ozone layer. Full impact would take time but would be inevitable given the interdependence of world economy and food supplies. The fittest may survive but how are they going to dismantle the "nukes" and other booby traps we have created, each of which was made based upon the shared assumptions of those in power that what is, will always be?

There have been doomsayers since the very beginning. We are still here but we have never faced the magnitude of issues that we do at this time. For every environmental hazard we overcome, three more crop up to replace it. There still may be hope but it is going to take more than armchair activists. You can't just shake your fist. You have to get down, roll up your sleeves and wade into the brawl. What do you really have to lose by committing your intellect, your energy to change? Respect your opponents' rights as individuals, educate them.

To be effective educators we must understand and live what we preach. A person must have commitment to developed, articulated principles that are applied to whatever the cause for action might be. It takes a well-defined sense of self, what you believe, what you can do, for personal fulfillment and peace. A person must have a sense of harmony to his or her life. This is best achieved through a balance between thought and act--renaissance man and woman.

If we as a people are to survive, to advance, we as individuals must grow. We have transferred too much of the vital decision making in our lives to other people, forfeited responsibility, and lost many of our rights as a result, if not some of our future. I believe it is time to reverse this cycle if we can. We need to engage in a "conspiracy for change." Regardless of your political perspective or personal leaning, be it environmentalist, futurist, spacer, political activism is the key, the only hope for the future. One must prepare for long-term, even lifetime commitment.

This is a good time for political action. Dissent is more widespread throughout the stratas of society than it has been in a long time. Today it isn't just young people marching in the streets. People who, a few years back, would never have been involved in protests and the government process are now being heard. If you're concerned with human rights, then non-violence has to be the only approach. Beat the oppressors at their own game, in the political arena. Many of the oppressors have been thrown out but there is more to do. We will never change anything without broad commitment because of the vast numbers to be influenced. Reformers have been splintered, factionalized, and thus ineffective given today's political realities. We must organize and define our purpose, focus on goals. I would like to see a world where each person could be free to experiment, to learn, free of unnecessary restraints and able to fulfill themselves and their potential, limited only by the depth of their talents and experience.

You know problems are not always insurmountable. Sometimes a surprisingly small amount of effort can make a difference. I was in the office of a legislator last year to find out

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ROUGH DRAFT

by
Terry Kersey

The Space Program has been in effect for over 20 years now and many of the benefits from it are available today to the generalized consumer public. However, at this time, NASA is winding down the Space Program. It seems that the public is apathetic about space exploration since it only wants to deal with unemployment, energy, inflation, and its own individual and isolated problems. The public looks at all the millions upon billions of hard-earned taxpayers' dollars pumped into a "dreamer's folly" and what do they get out of it? Nothing but headache, heartburn, and misery while companies like Rockwell, McDonnell-Douglas, TRW, Hughes, etc. make massive amounts of windfall profits. Oh, let's not leave out the Defense Department; after all, their concept is to make war, not peace. Using space technology, they had a field day testing out new toys in Vietnam and finding new ways by which to destroy our fellow human beings.

Technologically, we are an advanced civilization. But psychologically, sociologically, and politically we haven't advanced from, instead have further regressed into, cannibalism and primitive savagery. The fish of the sea, animals of the land, and the fowl of the air kill for survival but MAN, not humans, not woman, kills for the sport of killing which serves no purpose other than show or spite. Many of our birds, fish, and animals are now extinct or almost near extinction! Why? Because the basic instinct forced into man was the instinct to kill.

From the day he was born, man was taught to kill and was told that this is the way it is and must be. From his first encounter with shooting a cat in the back of the head or some smaller defenseless animal with a "B-B" gun or pistol when he was a kid, to mercilessly slaughtering larger larger endangered species, turning eventually to murder and mass genocide: this is the basic mold and character of man.

In this world of violence and death, there are those of us who ask the unforgivable question: why? Today, man sits on the very edge of total destruction with the existence of the "little red button" which sits on console panels at various strategic places, such as SAC, TAC, NORAD, the Pentagon, and the White House. During a court-martial hearing in 1973, a certain technical sergeant at NORAD was charged with negligence in that he unknowingly placed a computer tape, for emergency defense posture, on the tape machine and activated it, sending the entire country's military installations into chaos. This is just one isolated case and I'm sure there are many more.

But who really cares? Richard Nixon coined a phrase, "the silent majority." How right he was. The statement, "Don't bother me, I don't want to get involved because I don't want to get hurt," has echoed world-wide by all of the human race for countless millenia so that mass corruption and mismanagement on the same world-wide scale have taken place. And human lives must be sacrificed so that particular corporations can make their windfall profits from the dead bodies.

This is one of the main social factors creating "war" and no one questioned it until the needless killing of humans began to accelerate, part of the truth leaked out, and a number of us in Vietnam called for an end to it. Then it was Vietnam. Today the U.S. is not directly involved with other countries' petty squabbles with each other but that does not mean that the U.S. is not contributing to the wars of Earth. The latest arms sale in the Middle East by America is to both sides of one of the longest confrontations in the history of what we call civilization: Israelites versus Arabs; and the U.S. is making money off both sides. The F-14s, F-15s, and F-5s are being sold to Egypt, Israel, and Saudi Arabia so they can make war with each other while the U.S. rakes in the money from the killing, death, and destruction.

The Defense Department calls it a good investment for peace. I DO NOT! Every year, the Defense budget goes up while the NASA budget goes down. Yet, without space technology, the fighter planes mentioned could not have been created at this time. War is a very profitable enterprise and one of our own Presidents not all that long ago said, "the business of the nation is business."

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S P A C E D A Y 2

by

Richard Gross

IT'S A SIGNIFICANT DAY FOR THE HUMAN RACE AND FOR SPACE.

THIS DAY REPRESENTS THE BEGINNING OF PUBLIC AWARENESS OF THE IMPORTANCE OF SPACE AND ITS RELATIONSHIP TO EARTH. THE VARIETY OF INTERESTS REPRESENTED HERE TO PROMOTE THE PEACEFUL AND PRODUCTIVE USES AND BENEFITS OF SPACE TESTIFIES TO THIS BEGINNING.

FOR ME, IT HAS NOT ALWAYS BEEN SO. LIKE MANY, I SAW ONLY THE DESTRUCTIVE RESULTS OF TECHNOLOGY. ANY GREAT ADVANCE IN MAN'S KNOWLEDGE AND POTENTIAL CARRIES WITH IT THE OPPORTUNITY TO CONSTRUCT OR DESTROY. WE MUST ASSURE THAT THE SPACE AGE ALLOWS AND ENCOURAGES ALL TO PARTICIPATE AND ENJOY THE BENEFITS OF OUR JOURNEY. THE ERA OF INSTANT INFORMATION MUST BE AVAILABLE TO ALL.

WE WILL CONTINUE TO HEAR THE GOSPEL OF THE GRAVITY-BOUND: "FORGET ABOUT SPACE; WE HAVE ENOUGH PROBLEMS WITH WHICH TO DEAL RIGHT HERE ON EARTH." IF YOU TELL THEM THAT PRIMARILY DUE TO REMOTE-SENSING TECHNOLOGY WE HAVE LEARNED MORE ABOUT THE SURFACE OF EARTH AND THE DEPTHS OF THE OCEANS THAN IN ALL PREVIOUS AGES, THEY MIGHT NOT BELIEVE YOU. IF YOU TELL THEM OF THE BENEFITS OF SPACE MANUFACTURING AND ENERGY TRANSMISSION TO EARTH, THEY WILL SAY IT COSTS TOO MUCH, AND IT ISN'T ASSURED OF SUCCESS. IF YOU TELL THEM, BY THE VERY NATURE OF PERMANENT SPACE HABITATIONS, THE NATIONS AND PEOPLES OF THE WORLD MUST LEARN TO LIVE IN CO-OPERATION RATHER THAN CONFLICT, THEY WILL SAY YOU ARE SPACED-OUT.

WELL, HERE WE ARE, SPACED-OUT BUT, AT THE SAME TIME, FIRMLY GROUNDED HERE ON EARTH. NOT GRAVITY-BOUND, BUT GROUNDED. WELL-GROUNDED INDIVIDUALS WITH THEIR BRAINS AND HANDS DESIGNED AND BUILT THE MOST EFFICIENT AND EFFECTIVE INSTRUMENTATION EVER KNOWN (BY US). THE REASON THAT LIFE IS CHANGING SO RAPIDLY TODAY IS THE SAME AS THE ESSENCE OF SPACE TECHNOLOGY: MORE, IN LESS, FASTER. MORE INFORMATION, WITH LESS DISPLACEMENT, AT A FASTER RATE.

WE HAVE A BEGINNING. WE ARE PROBING THE MYSTERIES BEYOND OUR PLANET. THERE ARE OBSTACLES TO OVERCOME, SUCH AS RADIATION HAZARDS AND ENTIRELY ENCLOSED LIFE-SUPPORT SYSTEMS, BUT THEY WILL BE SOLVED. WHAT REMAINS NOW IS THE WILL TO DO IT, AND THE TIME, BEFORE TRADITIONAL ENERGY RESERVES BECOME TOO SCARCE, TO INITIATE THE FIRST SOUND, MAJOR SPACE PROJECTS. CERTAINLY, GOVERNOR BROWN'S EFFORTS TO ESTABLISH CASA, THE CALIFORNIA AERONAUTICS AND SPACE ADMINISTRATION, ARE TO BE APPLAUDED AND SUPPORTED.

A NASA STUDY ON THE FUTURE OF SPACE TECHNOLOGY, AS THE FIRST ASSUMPTION

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TESTIFYING FOR THE FUTURE

by

Barbara M. Hubbard

The great issues of freedom have risen imperceptibly, first in the minds of a few, then among networks of the concerned, then finally under deep pressures, burst upon the scene, bringing forth new leaders, movements, debate, struggle. . .gaining new opportunity for all.

So it was with freedom vs. monarchy; freedom vs. slavery; and freedom vs. the tyranny of hunger, disease, and unemployment.

Now, in our time, there has emerged the greatest issue of freedom ever faced consciously, an issue which contains all others: the freedom to develop our full capacities as a species by opening the High Frontier of space--an unlimited, non-terrestrial resource base for humanity. . .or restriction, adaptation to limits, increased control over our lives.

This issue is rising in our time because we are the first generation to be confronted by planetary limits of energy, resources, jobs, land, air, water. . .and we are the first to have the capacity to reach beyond these limits for an immeasurable future.

We did not choose the issue. But we cannot choose to avoid it. We are at an evolutionary crossroad. If we fail to respond to the crisis of limits NOW, the drain upon remaining vital resources of Earth will accelerate. Costs will rise. Human needs will increase, leaving us with decreasing capacity to commit the necessary resources to gain a productive base in our extended home.

No one can be sure of the "natural" timing for the step from Earth-only to the Earth-space environment. But intuition and logic suggest that time is not on the side of waiting. Business as usual will not suffice. We need a leap of imagination and faith commensurate with our capacity to act.

Therefore, I believe that the United States, in cooperation with all others who choose, should commit, at the earliest possible date to a NEW NATIONAL GOAL, an over-arching objective of sufficient attraction and human benefit to rally the knowledge, resources, and public support. That goal is:

THE OPENING OF THE HIGH FRONTIER--THE ESTABLISHMENT OF THE FIRST
NON-TERRESTRIAL, PRODUCTIVE BASE BY THE YEAR 2000 FOR HUMAN
BENEFIT THROUGH THE USE OF RESOURCES BEYOND THE BIOSPHERE OF
EARTH.

This goal is different in kind from any interim step, no matter how vital. It gains access to non-terrestrial rather than terrestrial resources. It secures for us an operating base in the Universe without further depleting Earth. The key is the industrial development of space itself, using raw materials available from the Moon and asteroids plus energy from the Sun to supply energy and materials to Earth, as well as eventually people in space.

This means a "new deal" for the human species. . .overcoming scarcity without damaging the environment. We need not fight over limited resources, but we can work together to create new resources.

Here is the possibility of fulfilling the dream of the Declaration of Independence that all people are created equal. Perhaps, for the first time in history, that dream can become a pragmatic reality.

We must not sabotage our future by demanding premature certainty. It is an evolutionary necessity to take some calculated risks. But the greater risk lies in NOT studying this goal now. The real danger is that we may lose our chance to evolve. The real danger is that we may become a limited species trapped in a closing system.

We are not proposing a reckless leap into the unknown. We are calling for deliberate research and development to study this goal NOW. Those involved stress the absolute necessity for self-correction as we learn what works and what does not. Provability is the key to technological innovation.

Furthermore, opening the High Frontier includes many key incremental steps proposed

by others. By establishing an overarching objective it provides rational criteria with which to evaluate the many contending interim objectives, each with their supporters, none of which are in themselves sufficiently dynamic to win out in the battle for funds. None of the worthy milestones are of sufficient benefit alone to give direction, continuity, and purpose to the space program as a whole. The development of the High Frontier gives a profound and unending rationale for each needed step, as it emerges. Each step becomes a step to somewhere rather than nowhere.

The opening of the High Frontier gives birth to a world dream, a positive vision of our common future, an unlimited horizon for our children. . . an idea that every parent can understand. The attitude I take is one of expanded parenthood. That is what futurism really means, and that is what a commitment to this goal will stimulate: an attitude of faith and hope in the potential not just of our own children, but of our world. This attitude of hope for our species will transform history. Our image of the future is a propelling power.

The ultimate benefits of this goal are intangible, perhaps spiritual is the right word. I believe we will become closer to the creative intention of the Universe as we learn to participate consciously in designing new worlds beyond the womb of our Mother Earth.

However, the immediate benefits of this goal will be high. Such a national commitment may not be the full answer to any problem but it may prove to be, I believe, the extra, missing element to many of our most intractable problems--poverty, war, energy, and the gap between the developed and developing worlds. It will have pragmatic social and economic benefits, such as greater and more meaningful employment, a cleaner environment, a non-inflationary stimulus to the economy, new incentives for education, research, and development, new initiatives for international cooperation, new models for social cooperation.

If we embrace this new goal to develop the High Frontier, we will not only re-invigorate the spirit of the future, but the meaning of freedom everywhere.

We all accept the idea that freedom is the right not to be constrained. But freedom means, too, the opportunity to do our best. Experientially, freedom lives at the edge of the possible, between the known and the unknown, beckoning individual potential.

Perhaps most important in the long run is the significance of how the High Frontier is developed. . . by those who believe in democratic institutions and individual rights or by those who do not. The difference is that found between the effects of the Mayflower settlers and the Conquistadores upon the New World this continent once was.

It is vital that democracies throughout the world join in closer cooperation to pioneer the High Frontier. This new basis for unity of free people is not in conflict with cooperation with the Soviet Union. But it will remagnetize and enhance the idea of freedom in the human mind, where the fundamental revolutions occur. The way to overcome all tyrannies is to re-invigorate democracy.

This broad goal requires that we innovate in the way we undertake large-scale projects. The corporation was an innovation of the Age of Exploration. The Homestead Act, land grants and other such imaginative ideas helped settle this nation. Now we need new social inventions to help government, industry, science and individuals to participate in the development of the High Frontier.

WHAT WILL MAKE IT HAPPEN? How is a goal of this magnitude established? Some say only catastrophe or extreme competition will move people to new action but I believe we can decide on our own free will. This has yet to be tested. A democracy has never been required consciously to commit to a positive social goal of this long-range benefit and unknown potential. Others say it is inevitable that we will go into space and that we are proceeding, therefore nothing more is needed. But I fear this is not so.

The present Administration appears not to see value in the High Frontier goal. Serious cutbacks in the Shuttle and in advanced planning are threatened. It is common knowledge that the President has set up a committee to establish national goals in space. It operates in secrecy. Before the President publicly commits to any position, it is vital that he hear the new information from those who fully understand it.

Furthermore, while there is substantial NASA support for the High Frontier goal at the working level, there is active opposition at the administrative level. Consequently support

tends to go underground. People are loathe to speak in public for fear of contradicting the official position. The aerospace industries are dependent on the attitude of their prime customer, NASA, and are also afraid to step beyond the negative position, even when they believe strongly otherwise.

To overcome this inertia we can only look to people who have a vested interest in the future, to grass-roots action, to a citizen's movement for the High Frontier, and to the Congress, which is sensitive to new ideas from the people. From my eight years experience in citizens' action with the Committee for the Future I have noticed a remarkable change in public attitude very recently, beginning with the Bicentennial. There seems to be a reawakened faith in our future and confidence in ourselves.

The advocates for the future have been given their first instrument for political action in the resolution introduced by Representative Olin Teague, with a companion resolution introduced by Representatives Barbara Mikulski, Lindy Boggs, and David Stockman.

The operative clauses of the resolution are:

"The Congress hereby encourages and instructs all pertinent legislative committees and executive agencies to determine how they may most effectively act in cooperation with each other and with the leadership of both Houses and with the President to achieve these urgent national goals.

To assist in these efforts the Office of Technology Assessment specifically is requested to organize and manage a thorough study and analysis to determine the feasibility, potential consequences, advantages and disadvantages of developing as a national goal for the year 2000 the first manned structures in space for the conversion of solar energy and other extraterrestrial resources to the peaceable and practical use of human beings everywhere."

We must learn to look at long-range goals in a "wholistic" way, involving all impacted sectors of society, seeking "synergistic" benefits. We cannot solve critical problems of energy, environment, economy, etc. on a short-term, single-issue basis. To continue to patch up the existing situation of increasing scarcity with stop-gap solutions is deadly. Nor should we try to back into the future, pretending we are not changing, thereby excluding the majority of people from becoming involved in the decision-making process. Negative as well as positive views must be aired, and the dialogue must be open. This study could serve as a new model of future-oriented decision-making. In that alone it would make a contribution.

We, as a nation, are spending many tens of billions of dollars for energy. Some four (4) billion dollars is going into nuclear power research. It is the height of pragmatic reasonableness to allocate at least one percent of that amount to Solar Power Satellite study.

However, the proposed National Goal is broader than the real promise of non-terrestrial-based solar energy from space. The kind of research and development which Dr. O'Neill and others are calling for is rather immune to the unfolding events in the future. If carried out wisely, it could mesh closely with any large construction program in space--such as solar satellite power--but need not stand or fall with any one particular such program. Rather, and in contrast to the vulnerabilities of special-purpose programs, a research and development program leading to the broad goal of the use of non-terrestrial materials for construction in space is bound to justify itself in the long run, for the fundamental reasons that the lunar gravitational potential is less than a twentieth that of Earth, and that solar power for industry is dependable, full time resource in space, as it can never be on Earth.

If the High Frontier Resolution is acted upon favorably it will become the Magna Carta for the Future, extending the freedom of humanity. It states: "this tiny Earth is not humanity's prison, but is in fact only part of a vast, expanding system rich in extraterrestrial opportunities as yet far beyond our comprehension. . .a high frontier which irresistably beckons. . ."

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STIMULUS * * * * *

June 29, 8791

* * * * * E S N O P S E R

Dear Mr. Maughan,

Many thanks for your recent letter and the kind invitation to speak at Space Day 2. It sounds as if you are putting together an interesting and worthwhile program and I very much regret that I'll be unable to be with you on that occasion. I hope you'll let me know what happens at the [rally].

As you know, I share your deep concerns about the unchecked nuclear arms race and am doing all that I can in my capacity as U.S. Senator to bring it under control. The efforts of citizens like you and organizations like United For Our Expanded Space Programs are a great help in this regard.

Best wishes.

The Honorable Alan Cranston
 Senator from California
 U.S. Senate
 Washington, DC 20510

To affect public policy one must persistently communicate with politicians and seek to enlist them in mutual support. Most of these efforts have dismal results. Yet they must continue so that the message from the grass-roots continues to press the politician(s) that the intent is serious, the determination is strong, and the (potential) support is present. When we understand that those most needful of space education are the ones who control the space program, then we can accept the necessity of this one-sided communication more easily. Of course, it does help to get a direct response once in a while to know that the Powers That Be take notice! *** The Editor.

Dear Graham,

I have a suggestion for an exercise. Assume that a "Space Party" exists, and is gaining power in the U.S. by electoral processes. What is its Platform? Sample questions: How big is the national budget? Are defense projects to be cut out? What would be the U.S.S.R.'s response to such action? What happens to welfare spending? How do we solve our energy problems? Are large corporations to be nationalized? How much in the way of foreign aid and with what expected results? How big of a space budget can we ask for, and how can we expect to see it grow? If we did something wrong, would the space budget be in jeopardy? Would the U.S. be in jeopardy? Would the Space Party be in jeopardy? Would it be sound for the U.S. to subsidize corporations to develop such schemes as satellite solar power, asteroid mining, projects that promise returns? Is a Mars colony a profitable project from the economic standpoint? Should a Mars colony be a purely humanistic enterprise? Would such a colony be financed by purely industrial concerns, a spin-off of asteroid mining? Would such a colony receive public support if it cost over \$50 billion? When will space corporations no longer require government subsidies and achieve break-even? This "Platform Exercise" might help to clarify our political thought with respect to long-range goals. It may indicate to us how much we may expect from political, corporate, or foundation approach to space. We may find that the proper political fight is for a few more space shuttles and a large subsidy for a "Space Corporation." Perhaps we should concentrate totally on achieving total independence from any political means of acquiring funds. The fight to save JOp was instructive and admirable--but is the money for such projects worth it at this point? Do pure science space travel projects increase public appetites for more? Or will further Mars landings only bore the public? Would it be better for

us to follow a more "libertarian" line, and only fight for projects guaranteed to speed political and material independence from Earth? Would a corporate approach be better than a political one in achieving our goals, now that the Space Shuttle is about to fly?

Some thoughts on Mars colonies: The permanent polar caps of Mars are water ice. But what about power? If solar power is to be collected on the surface, more southerly latitudes are preferable, as "arctic" lighting conditions dictate. It is possible that permafrost covers the entire planet, in which case it might even be mined at equatorial latitudes. The water could be liquified by solar energy and then electrolyzed into hydrogen and oxygen for energy storage, to be used at night and for vehicle fuel. A small solar satellite power station orbiting Mars between Phobos and Deimos could supply fairly constant power to a colony on the surface as well. It could be constructed from materials mined on Phobos.

I am continually coming across evidence that an Earth-strength magnetic field may be needed for the well-being of biota. For instance, ion separation takes place in the bloodstreams of vertebrates and invertebrates due to the flow's velocity relative to the ambient .5 gauss field of Earth. This charge separation may be utilized for as yet unknown functions in human beings. In sharks it has been alleged that magnetic fields are used for navigation and prey detection, in addition to smell. Space, in regions beyond 10 Earth radii, has a very small magnetic field. Mars has a very small field. Only Jupiter has a large one, but it also has high-energy death particles.

Jeff Bytof
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The "Space Party" Exercise is an excellent proposal and will serve as the foundation of the work done during CHRYSE-2 at the Party-Workshop in the U.F.O.E.S.P. suite the night of September 3 at Iguanacon. Although many spacers maintain that our attention should only be on cosmic affairs, political action in America on the national level is meaningless without reference to a host of mundane issues. Like taxes in general. Or the balance of trade. Perhaps race relations. What about a national medical insurance plan? The list goes on and on but unless a good portion of such questions can be tackled straightforwardly by spacers, political action is a waste of time.

This situation is the major reason many spacers think of private industry or corporate power as an alternative to the inevitable mechanism of government funding of space settlement, political action. There are two major difficulties and one minor one with this corporate alternative. One, because there is a capital shortage in the world in general and the U.S. in particular, as well as many mundane investment alternatives to space settlement which do not have anywhere near the risk of loss that investment in space has, private industry simply will not put up the risk capital necessary for the Space Revolution. There is simply no way to educate businessmen or women to do otherwise because the economic justification just isn't there. Two, there is little reason to believe that EXXON, IBM, ITT, DOW CHEMICAL won't be and aren't as oppressive and rapacious as national governments. Many of the environmental and human rights abuses, past and present, are the direct and conscious product of policies adopted by corporate giants such as those mentioned. The minor problem is one of inertia. Few, if any, of the firms doing space business currently would do so without government contracts. If all space budget items were eliminated today, in a matter of months there would be no space business to speak of in this country. An occasional landsat or comsat, launched by Japan or Russia or France, would be it. *** The Editor.

Dear JayGray ("race against death") Maughan,

It looks to me like things will be in good shape by the end of August. . . good enough to make a short journey to Phoenix and join ya. I'm really happy to be able to say that, too! The mass letter did get me blood hot; if there is room, I'll want to stay in the suite.

Idea. I will gladly help pay for a suite, perhaps a full day's tab, if it doesn't get too crowded. I say that because a suite would be just the place to make audio recordings of the heavy-duties we'd want on a radio program. Foax who're making really advanced contributions to the state of the conquest of space, that is. What do you think?

I would bring my recording equipment. Using your persuasive abilities (and some old-fashioned strong-arm techniques), we could maneuver our prospects into the friendly confines, ply them with strong drink (or wimmin or young boys or whateverthehell) and get 'em to spill their guts into a microphone. Then, cackling madly, we force 'em to sign releases and BANG-ZOOM two months later they're hearing voices on the radio. Their own voices. Like that.

Looking in the Analog calendar, I don't see any names of likely boobies (uh, check that) *guest interviewees*, but maybe if you dig the idear I'll see what the boys in the back room can do. . . Tim Kyger, for example.

As to "who is famous" (your letter of 6/7); shit, I don't know! You're the one with all the fancy lingo about "an ever increasingly complicated, interconnected and interactive reality" and wanting "to live to see the sands of Mars in my own hands." If you don't know who has that reality by the tail and the sand in his fingers, Jesu, WHO DOES?

The best place to start with who is famous is who you know. Joe Schmoe can be famous if he's doing something worth knowing about (McLuhan: "Everyone's gonna be a star" or words to that effect). I'm doing a series on drug abuse here in Milwaukee for radio broadcast and believe me the thing would fly like a rock if it weren't for the simple foax with something to say; all of whom are known personally to the agency co-operating in the production. In short,

YOU'RE A STAR, YOU JERK, SO START ACTING LIKE ONE!

Start thinking small and intimate and you've got the idea. It matters not one bit that our little program satisfies the need to talk about space exploitation by drawing on the accumulated membership of U.F.O.E.S.P., with only the lightest seasoning by a recognized expert or two. You pick the criteria for expert.

O.K. Enough blitzkrieg. I think you get the message.

This whole eyewash arises from the fact that at no time have you given me any sort of an idea concerning what you envision as regards the education of the masses. I mean, where's the campaign? The struggle? Where's the focus? If you like the idea of a radio show, let's go with it, man! Don't just publish me in MB and say "good for you!" and let it go. What is happening? Let's organize something, for chrissakes, and do it now!

Still with me? Good. Like, in four years, we could unseat Proxmire-- or something equally demoralizing--and become cabinet members in WashDC. But not if you keep asking me, "who's famous," 'cause you are, J.G., as famous as you need to be. Assert yourself. You've got a following and a bunch of good ideas, well meant. So stop vacillating about what's to be done and decide. Turn your anger, your wit, your command of the language, and your charm into the gold of the Sun seen from space.

Um. For the time being, I'll be the competent engineer. If/when this thing takes off, we'll worry about adding talent to the endeavor. I also will be putting together a sample program (maybe sans interviews) to help me to get the feeling for a show I would like to broadcast. It'll be slow going, of course, since there's only me (money from sponsors would be nice, but can wait). Have you heard Cat Stevens' "Peace Train?" The genius was talking

about space all the time (and I just realized that yesterday):

"Out on the edge of darkness, there rides the peace train;
O peace train, save this country, come take me home again."

or,

"I've been smilin' lately, thinking about all the good things
to come. . ."

Now, if that doesn't just describe me, when I start thinking about all those goodies just waiting to be used, I don't know what does. Talk about "living in bliss." Jesu Christo!

Just one long "train" of space shuttles, building the space station that would be home for people like you 'n' me. Yeah. That song could be our anthem.

Also wanted to mention that I'll be writing Young in Pennsylvania on National Astronomy and Space Day-79 and I plan to attend the NASD meeting in Milwaukee. Couldn't make out a few of the words in your handwritten note but I think I got the message. And you're right, at least I won't have to stay in the hotel. What do you want me to do with the SD2 flyer and the SD3 ad, anyway? The bit I couldn't read was the last sentence, ending with an "!".

Really illegible. Shape up!

Ray U. Lane, III
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Me? A star? I don't believe it. You mean I should encourage the cult of the personality? Incredible!

One of the strongest indications of the depth of interest among spacers for a mass movement calling for Solar Civilization is the number of independent, local efforts oriented to mobilizing the public for expansion off Terra. The success of Space Day 2 has naturally lead to efforts to repeat the advances gained in Sacramento with a rally next year on July 20 by U.F.O.E.S.P. and the other groups responsible for Space Day 2. Barely two weeks before the event, we learned of a Space Day Faire at the end of June in Isla Vista, the headquarters of U.F.O.E.S.P. (see "POW-3"). Now, we discover that a coalition of northern California astronomy clubs works to present a National Astronomy and Space Day next year on May 4. Although the range of these events in time is large and contributes to diffusion of spacer energies, thus weakening the Revolution, the very number and degree of creative independence of them is the most solid evidence for the potential power of the movement. The task, as always, is creation of unity amongst the diverse futurian forces for concerted, concentrated action at key points in spacetime. *** The Editor.

Dear Graham,

While attending Suncon last September in Miami, I shot over 200 pictures of various con activities, not all of which came out. Trying to cover all of the con was hectic, to say the least, but not impossible. But that makes it that much more enjoyable! The night of the Hugo Awards Banquet, I had not even owned my camera more than a week. Your praise and compliments of that one picture from Suncon of you, Linda, and Airasa waiting in the Banquet line have boosted my morale (not to mention my ego!) a thousand-fold. I plan to do the same thing at Phoenix this year and it would be my pleasure to have the "title" of Official Photographer for U.F.O.E.S.P., even though it is something I would be doing anyway!

This year there will be various changes, hopefully for the better. One is the new equipment that I have or will acquire between now and September. Second, I have another year's experience. How about an 8X10 of George Lucas or Steven Spielberg receiving the dramatic Hugo?

Having an ever expanding consciousness, I am always trying to broaden my horizons. Trying to paint is something I think I would have tried sooner or later, just to see if I could do it. If nothing else, I have a vivid imagination and already have a galaxy of ideas. I only lack putting them on canvas or whatever!

Since I started "talking to Bart" a few years ago, I have had many profound "revelations." I would not be a bit surprised if U.F.O.E.S.P. is one of yours. Since that first night, I have learned many new and beautiful things that I think have made me a better person. The biggest discovery is that most of my "P.R.s" [what?] have to do with things other people can enjoy, such as my paintings and stories. I am totally pro-NORML and am constantly sticking up and in support of them. I feel a lot of people would be much more at ease, if every once in a while they would cop a good buzz. I can tell we see eye-to-eye on this issue and Iggy will be better than I anticipated. Martian Red would be good, but I'll stick with 1-5 Lavendar. Can you imagine the size and THC level of plants grown in zero-gravity?

In belonging to U.F.O.E.S.P., we have thrown ourselves into the middle of a very controversial issue. One that affects all humanity. Since the termination of Skylab, the interest in our space program has dropped frighteningly low. The Space Shuttle has re-sparked the nation's interest in space exploration but I fear it will never equal that of pre-Apollo. Not alone.

U.F.O.E.S.P. was started during this slump and in doing so, started with one strike against us. However, this has changed nothing, except to make us more determined to be heard. Obstacles will forever be in our way. It is how we deal with them that will prove our dedication. We must stand firm and face each and every problem head-on. And when we are done, we will be one rung higher on the ladder to the stars.

I recently received a progress report from Iggy and saw your name as one of the first registered. Also received a card to fill out for hotel reservations. Since the plans for the suite are not yet final, I am going to send the card in to insure a place to crash after a long day at the con. When all plans for the suite are complete, I will just cancel my reservation.

Steven C. V. Nall
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Iguanacon is a unique opportunity for ufoespers to mingle and make Revolution. As the membership lives all over Terra, the worldcon represents that rare occasion when a large number of us are in one place without our having to stage a big effort. Documentation of the experience by picture and tape, as Ray Lane intends, is much to be desired because it extends the experience into the lives of those unable to have it directly. You may have any title you like so relish the one you have chosen.

The inspiration for U.F.O.E.S.P. was the conception of my daughter in 1974. The precise moment of my "vision" was some time after a series of brooding spells brought on by my attempts to explain to my future child the meaning of life coming from the Void, to experience and enjoy the Universe, merely to die (again?) after a brief span. However, I would not be honest if I did not say that some exquisite herb gave significant impetus and much color to the process.

The slump of '74 has deepened into the slump of '78 but you are quite right in your exhortations to struggle on. Things will only get worse if we give up. The path of political action has so many obstacles that we can be forgiven for thinking it is too rocky and rough for the rewards. But those "weak moments" must remain that or we can kiss our spacer dreams goodbye. Bad luck ain't got us so far; ain't going to let it stop us now!

*** The Editor.

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(continued from page 3)

his vote on the cultivation bill. He went to his files and pulled out six letters, four in support, two opposed. "Well, unless there is a radical shift in public opinion, you have my vote." Two letters had been the dominant factor in his decision and this by a man representing 100,000 people. The dominant consideration in any politician's mind is re-election. I've seen too many break promises because they were afraid to exert leadership. They must be shown that they cannot continue to talk out of the side of their mouths. Jimmy Carter must stop Nixon's war on weed, for one example.

Earlier I called upon you to join me in a conspiracy of activism for change. We must try to reverse the cycle we are in. If we succeed, we can have a world where Freedom and Human Rights are cherished. If we fail, then what more useful and desirable purpose can we have for the rest of our time? ***

(continued from page 4)

I shouldn't be telling any of you anything that you don't already know unless you have feared the truth and chosen ignorance. I remember an old quote, "Man's fears, lest the Sun should blind him, will leave him alone in everlasting darkness." Fear and ignorance rule our lives and because of our ignorance we fear what we refuse to understand and try to destroy what we fear.

I tried to bring these facts to light in a personal perspective I sent to Representative Olin Teague and his hearings in Washington this year. In it I stated, "I am a humanitarian, not a killer. I refuse to build machines of death and I will give up striving for my life's occupation and dream of space to stand by this conviction. I know I am not alone in my beliefs." The time for all of us to get involved with the peaceful uses of space technology is NOW or we will suffer the beginning of the end of humanity. The human race can disappear from the face of Earth. Will we? The answer lies within ourselves. ***

(continued from page 5)

IN ITS REPORT, STATES, "CIVILIZATION PRIMARILY MANIFESTS ITSELF THROUGH ITS ABILITY TO MANAGE INFORMATION, ENERGY, AND MATTER." WHETHER WE OR OUR CHILDREN, TWO OR THREE BIOLOGICAL GENERATIONS FROM NOW, WILL KNOW OF HUMAN BEINGS WHO HAVE NEVER VISITED PLANET EARTH, DEPENDS UPON OUR ACTIONS TODAY. ***

(continued from page 8)

Why should we be less than those who came before us? The torch of freedom has been passed generation to generation--from Pericles' Funeral Oration, to the Magna Carta, to the Declaration of Independence, to the Emancipation Proclamation and the Four Freedoms. Now it is our turn to carry forward with the High Frontier Resolution--the next step for Freedom. ***

(continued from page 16)

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ELECTION PROCLAMATION ONE: mo dy yr
7 27 1978

UFOESP's 1st election is for the General Secretaryships of Vega, Antares, and Far Centaurus Chambers. Election period is from October 29 to November 11, 1978. Ballots are mailed & must be postmarked no later than Oct. 29 and must be received during aforementioned period. To be eligible for General Secretary, one must be an active member with at least 6 mos. left of year membership past Oct. 29 & live in Chamber for which running. If you qualify and wish to try for one of the offices, fill in coupon to left & return by Sept. 15. *Jonathan Maughan*

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U.S.A.

COMING ATTRACTIONS

- * CHRYSE-2, September 1-3
with
Iguanacon, Aug 30-Sept 4
(Phoenix, Arizona)
- * Election Day, November 7
(Nationwide)
- * Space Day 3, July 20, 1979
(Nationwide)
- * Seacon 79, Aug 20-24, 1979
(Brighton, England)

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